

MINING APPLICATION
NO. _____
Date _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN
(Other forms may be used in lieu of MR 2, provided
they contain the same information)

1. Name of Applicant or Company Interstate Brick
2. Proposed type of operation Clay Mined
3. (a) Prior Land Use(s) Grazing
(b) Current Land Use(s) Clay Mining
(c) Possible or Prospective Future Land Use(s) Grazing
4. What vegetation exists on the land proposed to be affected Sagebrush
Juniper
(a) Types and Estimated Percent cover or density: _____
Sagebrush 50% Juniper 5%
5. What is the range pH of soil before mining? 7.5 pH
Name of Person or Agency and method of determining pH Harvey P. Cahoon
6. Site elevation above sea level 5600 FT.
7. In case of coal, oil shale, and bituminous sandstone:
Principal seam(s) and thickness(es) xxx
8. Estimated duration of mining operations Fifty Years
9. Has overburden, waste or rejected materials been classified as acid or
alkali producing? () Yes (X) No
Does the above material being moved have any other characteristics
affecting revegetation? _____
10. Will any underground workings or aquifers be encountered? () Yes (X) No
Describe _____
Is there an active discharge of water from abandoned deep mines on or
crossing the land affected? () Yes (X) No If yes, describe
the quality of water being discharged. _____

11. Describe specifically a detailed procedure for: SEE ATTACHED SHEET

- (a) The mining sequence
- (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
- (c) The procedure for site preparation including removing trees and brush.
- (d) The method for removing and stockpiling topsoil or disturbed materials.
- (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic material.
- (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- (c) What type of soil treatment will be utilized.
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.
Based on experience at this pit local fill material is suitable for plant support.

Describe method for the testing of soil that is intended to support vegetation
Samples of proposed growth mediums will be submitted to Utah State University for a basic fertility test.

2. Describe any soil treatment employed as an aid to revegetation
Fertilizer will be used, if necessary to establish vegetation.

3. Describe surface preparation of areas intended to support vegetation:

Surface will be ripped and graded.

REVEGETATION

1. Revegetation to be completed by:

(X) Operator	() Hydroseeding
() Soil Conservation District	() Aerial Seeding
() Private Contractor	() Conventional or Rangeland Drilling
Name _____	(X) Other (specify) Hand
() Other (specify) _____	

2. Will Mulch be used? NO

Type _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
GRASS MIXTURE:	20 Lbs.	xxx	xxx	Fall
1 Lb. Yellow Sweet Clover				
4 Lbs. Intermediate Wheat Grass				
4 Lbs. Crested Desert Wheat Grass				
1 Lb. Indian Rice Grass				
2 Lbs. Russian or Great Basin Wild Rye				

4. Will affected area be subject to livestock or wildlife grazing? (X) Yes
() No Will vegetation protection be needed? NO, Area is only
lightly grazed by livestock and wilflife

5. Will irrigation be used? () Yes (X) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted. If initial planting does not become established,
area will be reseeded.

I, the undersigned Operator, hereby submit this to be my Reclamation and Mining Plan for the area shown on the attached map. I further understand that the operation will be conducted in accordance with the Mined Land Reclamation Act of 1975, and all rules and regulations currently in effect thereunder.

Signed Harvey P. Cahoon Operator Date March 2, 1977
Harvey P. Cahoon

Taken, subscribed and sworn to before me the undersigned authority in my said county, this 2nd day of March, 19 77.

Notary Public John J. Farness

My Commission Expires: 12/29/78